



Schlumberger Oilfield Services

Sugar Land Product Center
Intellectual Property Law & Contracts
200 Gillingham Lane
Sugar Land, Texas 77478
(281) 285-8500

09-24-01

Schlumberger



Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

Docket No.: 19.0302
Total Pages = 91

Re: **Application of:** Kais Gzara and Iain Cooper
For: Method of Kick Detection and Cuttings Bed Buildup Detection using a Drilling Tool
Full Names of Inventor(s): Kais Gzara and Iain Cooper

37 CFR 1.53(b) UTILITY PATENT APPLICATION TRANSMITTAL, or

37 CFR 1.53(b) CONTINUING APPLICATION OF PRIOR APPLICATION NO. _____

- Continuation
 Divisional
 Continuation-in-part (CIP)

In accordance with 37 CFR 153(b) enclosed are:

- 1 Fee Transmittal Form (Original & Duplicate)= 4 pages
- 2 Patent Application Total No. Pages = 57
- 3a Informal Drawings Total No. Pages = 27
- 3b Formal Drawings Total No. Pages =
- 4 Oath or Declaration Total No. Pages = 3 (Unsigned-includes Power of Attorney)
 Newly Executed (Original or Copy)
- 4b Copy from Prior Application (37 CFR 1.63(d)) for Continuation/Divisional noted above
- 4c Deletion of Inventors (Signed Statement Deleting Inventors Named in Prior Application 37 CFR 1.63(d)(2) and 1.33(b))
- 5 Incorporation by Reference (Usable if 4b is checked) Entire Disclosure of Prior Application, from which a copy of the oath for declaration is supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein
- 6 Amend the specification by inserting before the first line the sentence:
This is a continuation continuation-in-part division of application serial no. _____ filed _____.
- 7 The prior application is assigned to SCHLUMBERGER TECHNOLOGY CORPORATION.

Accompanying Application Parts

- 6 Assignment Papers (Cover Sheet & duplicate & document(s))=
- 7 37 CFR 3.73(b) Statement
 Power of Attorney
- 8 Information Disclosure Statement (IDS) & duplicate & PTO-1449= 4 pp.
 Copies of 20 Citations
- 9 Preliminary Amendment
- 10 Return Receipt Postcard (MPEP 503)
- 11 English Translation Document
- 12 Certified Copy of Priority Document (if Foreign Priority is Claimed)
- 13 Other:

CLAIMS AS FILED				
(1) FOR	(2) NUMBERS FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTAL
BASIC FEE				\$710
TOTAL CLAIMS	23-20=	3	x\$18	54
INDEPENDENT CLAIMS	3-3=	0	x\$80	
ADDITIONAL FEE FOR FILING ONE OR MORE MULTIPLE DEPENDENT CLAIMS \$270				
TOTAL FILING FEE				\$764
RECORDING FEE	[] SEE ATTACHED PTO 1595			
	[X] TO BE SUBMITTED LATER			

Please charge Deposit Account No. 19-0610 for the above written total amount and any additional fees or credit any over-payment to Deposit Account No. 19-0610.

Please send all correspondence to the following correspondence address: Office of Patent Counsel, Schlumberger Oilfield Services, P.O. Box 2175, Houston, TX 77252-2175. Our Customer Service No. is 23718.

"EXPRESS MAIL" Mailing Label

Number EL 889000071 US

Date of Deposit: September 21, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Services "Express Mail Post Office to Addressee" Service

Pam Rahmatdoost

Pam Rahmatdoost

Respectfully Submitted,

Signature: Brigitte L. Jeffery
 Name: Brigitte L. Jeffery
 Reg. No. 38,925
 Date: 21 September 2001